



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 2001

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Property		Crops	Character of Storm
Killed	Injured										

### SOUTH DAKOTA, West

**SDZ001-013-031>032**      **Harding - Meade Co. Plains - Pennington Plains - Haakon**

<b>04</b>	<b>1239MST</b>										
	<b>1739MST</b>				0	0					<b>High Wind (G58)<sup>M</sup></b>

A high wind event produced sustained wind speeds of 40 to 47 mph over northwestern South Dakota for several hours during the afternoon. A gust to 58 mph was measured at the Faith ASOS in Meade county.

**SDZ049**      **Tripp**

<b>13</b>	<b>1200MST</b>										
<b>14</b>	<b>0600MST</b>				0	0					<b>Winter Storm</b>

Freezing rain began during the morning of Jan 13 over central South Dakota. Shortly afternoon a mix of rain and snow changed to all snow and began accumulating. By early morning on Jan 14, 12 inches of snow was reported in Colome. Winner reported 8 inches of snow, with the other reports across the county falling in the 8-12 inch range. Northwest winds 20 to 30 mph caused blowing snow which reduced visibility to less than a half mile at times, and drifts several feet deep were reported. Snow falling on icy roads from the freezing rain made driving dangerous. Several minor auto accidents were reported during the evening of Jan 13.

**SDZ025**      **Northern Foot Hills**

<b>25</b>	<b>0223MST</b>										
					0	0					<b>High Wind (G69)<sup>M</sup></b>

A cooperative observer measured a non-convective wind gust of 69 mph after midnight on Jan 25th.

**SDZ001-031**      **Harding - Pennington Plains**

<b>25</b>	<b>1906MST</b>										
<b>26</b>	<b>0700MST</b>				0	0					<b>High Wind (G56)<sup>M</sup></b>

Winds increased through the late afternoon and evening on January 25th and overnight into the early morning of Jan. 26th. Across Harding County winds were sustained at 51 mph with a gust to 56 mph, and the Rapid City airport had sustained winds at 43 mph.

**SDZ032-043>044-046>047-049**      **Haakon - Jackson - Bennett - Mellette - Todd - Tripp**

<b>29</b>	<b>0600MST</b>										
<b>30</b>	<b>1808MST</b>				0	0					<b>Winter Storm</b>

Around sunrise snow began over Tripp County Jan 29. By noon the area of snow covered much of south central South Dakota. Periods of heavy snow occurred during the evening hours of Jan 29. By 4 am MST Jan 30, 6 to 12 inches blanketed most of south central South Dakota, with a majority of reports being in the 8 to 12 inch range. Haakon County, on the far northern and western edge of the heavy snow, had 4 to 7 inches across the county. Combined with the snow, strong northwest winds 25 to 35 mph with gusts to 40 mph produced near blizzard conditions overnight. The winds caused significant blowing and drifting snow. Visibilities were often below 1/2 mile. The morning of Jan 30 snow drifts of 6 to 8 feet were reported across Tripp County, and 3 to 5 foot drifts covered much of the remainder of south central South Dakota. Light snow and flurries persisted through the day Jan 30th as strong winds slowly weakened. Little additional accumulation was noted through the day Jan 30, but blowing and drifting snow continued to cause minor problems into the afternoon.

**SDZ001-013>014-026-030>032**      **Harding - Meade Co. Plains - Ziebach - Central Foot Hills - Custer Plains - Pennington Plains - Haakon**

<b>29</b>	<b>2358MST</b>										
<b>30</b>	<b>1600MST</b>				0	0					<b>High Wind (G66)<sup>M</sup></b>

A tight surface pressure gradient produced persistent strong winds across northwestern South Dakota from just prior to midnight Jan 29, through the night and most of the day on Jan 30th. Winds were sustained 30 to 40 mph with gusts to over 60 mph were common during the morning hours of Jan 30.